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Bulbs

FOR FALL
PLANTING

1912

WILLIS S. PINO

41 WASHINGTON ST. COR. EDDY ST.
PROVIDENCE, RHODE ISLAND

1912



Catalogue of

Winter and Spring Flowering Bulbs

Hyacinths, Tulips, Narcissus
Crocus, Etc.

Offered by

WILLIS S. PINO

41 Washington, corner Eddy Street

PROVIDENCE, R. I.

In presenting our Autumn Catalogue we wish to thank our customers for their kind patronage during the past season and solicit their continuance in the future.

Quality of Bulbs. We procure our stock direct from the best growers in this country, Holland, France and Japan, always purchasing *first quality bulbs* which are sure of giving success.

Bulbs by Mail. We deliver bulbs at single and dozen rates free by mail except where special mention is made in our catalogue.

City Delivery. All prices in this catalogue include free delivery within the city limits.

Early Orders are always advisable as our stock of many varieties is liable to be exhausted early and many times good stocks are not obtainable later.

Location of Store. Our store will be found on the northwest corner of Washington and Eddy Streets, one block from Dorrance or Westminster streets, and within a short distance of the Union Railroad Station.

WILLIS S. PINO

Hyacinths

These are exceedingly popular bulbs on account of the ease with which they are cultivated, their varied colors, beauty and fragrance.

CULTURE IN POTS.—Select solid bulbs without regard to size for this purpose, and place a single bulb in a five-inch pot filled with any good potting soil; a light, rich soil is preferable; and place the bulb in firmly but do not have the soil hard beneath it. After potting give them a good watering and set away in some cool, dark place, and cover six or eight inches with soil or cocoanut fiber. Leave in this condition until well rooted, and then for a succession of blooms, bring to the light at intervals of two weeks, and shade from the sun for a few days.

CULTURE IN GLASSES.—The single varieties are better adapted for glass culture than the double, and the best-named sorts should be selected. Soft water should be used in filling the glasses, a little charcoal put in, and the bottom of the bulbs allowed to just come in contact with the water. They should then be put in a dark, cold place until the roots are four or five inches long, a little additional water occasionally as it evaporates, and then brought into light and warmth as directed for culture in pots.

OUTDOOR CULTURE.—The bulbs may be planted any time after the beginning of October and before the winter frost sets in. Any good, well-drained garden soil will answer. Dig deep and mix in a little decomposed manure; set the bulbs from three to four inches below the surface, and about six inches apart; after the ground becomes frozen, give a good covering of stable litter.



Pino's Special Bedding and Forcing Hyacinths

Superior to mixed shades of Hyacinths. In the selection of this stock we have secured sorts that will bloom at one time and each shade is comprised of only one variety, insuring the effect desired. Single flowering varieties only. If by mail add 15c. per dozen postage.

	Each	Doz.	Per 100		Each	Doz.	Per 100
Dark Red	\$.06	\$.65	\$ 4.50	Blush White	\$.06	\$.65	\$ 4.50
Dark Rose . . . . .	.06	.65	4.50	Purple . . . . .	.06	.65	4.50
Light Pink . . . . .	.06	.65	4.50	Light Blue . . . . .	.06	.65	4.50
Pure White . . . . .	.06	.65	4.50	Yellow . . . . .	.06	.65	4.50

Superior Un-named Hyacinths

These are made up of varieties selected for beds and borders, or for forcing for cut flowers, and will be found superior to many offerings of Un-named Hyacinths.

Single Varieties

	Each	Doz.	Per 100
Red	\$.05	\$.50	\$ 3.50
Rose . . . . .	.05	.50	3.50
Pure White . . . . .	.05	.50	3.50
Cream White . . . . .	.05	.50	3.50
Dark Blue . . . . .	.05	.50	3.50
Light Blue . . . . .	.05	.50	3.50
Yellow . . . . .	.05	.50	3.50
Mixed, all the above colors . . . . .	.05	.50	3.50

Double Varieties

	Each	Doz.	Per 100
Red	\$.06	\$.60	\$ 4.00
Rose . . . . .	.06	.60	4.00
Pure White . . . . .	.06	.60	4.00
Cream White . . . . .	.06	.60	4.00
Dark Blue . . . . .	.06	.60	4.00
Light Blue . . . . .	.06	.60	4.00
Mixed, all the above colors . . . . .	.06	.60	4.00

Add 10 cents per dozen to the above if sent by mail.

Named Hyacinths—(First Size)

Large selected bulbs of best varieties for house culture in earth or water. Single Hyacinths give the most satisfactory results. Our selection, 10 named sorts, \$1.00. 12 choicest named sorts, \$1.25. If by mail add 15c. per dozen postage.

Single Red and Rose

	Each
Baron Von Thuyll Pale rose; large spike; one of the best for forcing	\$ 12
Duchess of Albany Bright crimson	12
Garibaldi Glowing carmine; early	12
Gertrude Deep rose; compact spike	10
Gigantea Blush; large broad spike	12
Jacques Pink; enormous spike	15
Lady Derby Bright Rose	15

	Each
La Victoire Brilliant scarlet; large spike	15
Moreno Waxy Pink; early	15
Pink Perfection Delicate Pink	12
Robert Steiger Deep crimson	10
Roi des Belges Deep red; very fine	10

Single White

Baron Von Thuyll Pure white; large; close compact spike; early	10
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Named Hyacinths—Continued

Single White

	Each
Albertine Pure white, early	\$ 10
La Franchise Waxy white; large bells; good truss	10
La Grandesse Pure white; extra	15
L'Innocence Pure white; large truss	15
Mr. Plimsoll Blush white	12
Madame Van der Hoop Pure white; fine large bells	10
Paix de l'Europe Pure white; long spike extra fine forcing variety	10
Pavillion Blanc Pure white	15
Voltaire Creamy white; large bells; fine truss	10
General Vetter Cream white	15
British Queen Purest white; grand spike	15

Single Blue

Czar Peter Light porcelain blue; large bells handsome spike	15
Enchantress Pale porcelain	15
Grand Lilas Light porcelain; large bells and truss	15
Grand Maitre Pale blue; fine large and broad spike	10
King of the Blues Rich dark blue; splendid spike	12
Lord Balfour Mauve	15
Lord Derby Light blue; extra	12
Marie Deep blue; fine large spike	10
Pearl Brilliant Pale Blue	12
Pieneman Dark porcelain blue; good spike extra large bells	10
Regulus Porcelain; large bells and spike	10
Schatel Pale blue	12
Queen of Blues Light blue, extra	15

Single Yellow

City of Haarlem Pure Yellow	\$ 15
Fleur d'Or Deep yellow; one of the best for forcing	10
Ida Pure yellow; splendid large compact spike	15
William III Apricot yellow	15

Double Red

Bouquet Royal Rose; red centre	12
Bouquet Tendre Carmine rose; good truss	12
Czar Nicholas Delicate rose; large bells	10

Double White

Anna Maria Creamy white; purple eye	15
Flevo Pure white; late	10
La Virginite Blush white; fine	10
La Tour d' Auvergne Pure white; large spike; early	15

Double Blue

Bloksberg Porcelain striped; large truss	12
Garrick Bright blue; large bells; handsome truss	10
Lord Wellington Dark blue	10
Prince of Saxe Weimer Dark blue; long spike	10

Double Yellow

Bouquet d'Orange Dark orange	20
Goethe Light yellow; fine truss	12
Jaune Supreme Deep yellow; fine spike	20

Named Hyacinths—(Second Size)

Many of the leading single varieties we can supply second size bulbs which are particularly adapted to growing in pots or beds and are far superior to un-named sorts. 75c. per doz., \$5.50 per 100.

If by mail add 15c. per dozen for postage.

Early Roman Hyacinths

These are the earliest of all Hyacinths, and are especially valuable for forcing. The white variety especially is grown in enormous quantities by florists for winter flowers, blooming from early December through the winter.

	Each	Doz.	Per 100
Pure White Extra large bulbs	\$ 06	\$ 60	\$4 00
Blue	05	40	3 00
Rose or Pink	05	40	3 00
Yellow	07	75	

If by mail add 10 cents per dozen postage,

Feather, Grape and Musk Hyacinths

Very pretty, hardy, bulbous plants, well adapted for mixed borders and for naturalizing in sunny spots among short grass. Also suitable for pot culture in the house, five or six bulbs in a pot.

	Each	Per doz.
Feather Hyacinth (Muscari Plumosum) Purple	\$ 03	\$ 25
Grape " (" Botryoides) Blue, 75c. 100	03	15
" " (" ") White, \$1.25 100	03	15
Musk " (" Moschatum) Brownish Yellow	12	1 25

Dutch Romans or Miniature Hyacinths, excellent for massing in pots, pans, etc. separate colors, Pure White, Rose, Light Blue, 40c. per dozen, \$2.50 per 100.



Single, Early Named Tulips

Of all bulbs grown, the Tulip is without doubt the most popular. It is hardy, easily grown and if cultivated properly, retains its peculiarity of marking for an indefinite period. Tulips require similar cultivation to Hyacinths, except they should not be planted so deep. Varieties marked "A" are the earliest and flower together, and those marked "B" follow, etc. The figures indicate the height attained in inches.

Duc Van Thol Tulips

Very early and especially valuable for forcing and pot culture
Height from 6 to 7 inches

	Per doz.	Per 100
Red and Yellow	\$ 25	\$1 50
Rose	35	2 50
Scarlet	30	2 00
White	20	2 25
Yellow	35	2 50
Crimson	20	1 50
Gold Striped	25	1 75

Single Early Tulips

Artus B 7. Scarlet, fine for forcing	25	1 50
Belle Alliance B 9. Brilliant, scarlet, large flower. \$18.00 per 1,000	30	2 00
Brutus A 6. Orange crimson, very early good forcing variety	25	1 50
Chrysolora B 9. Large golden yellow, fine bedder. \$12.00 per 1,000	25	1 50
Couleur Ponceau B 8. Cherry red on white ground, one of the best bedding varieties	25	1 50
Cottage Maid B 9 Rose pink, shaded with white, extra fine. \$12.00 per 1,000	25	1 50
Cramoise Brilliant Bright scarlet, large flowers \$15.00 per 1,000	30	1 75



	Per doz.	Per 100		Per doz.	Per 100
Crimson King B 9. Bright crimson scarlet. \$15.00 per 1,000	\$ 25	\$1 75	Proserpine B 10. Rich, silky rose of perfect form, large and very effective. One of the best	\$ 40	\$2 75
Duchess de Parma B 9. Orange red, yellow bordered	25	1 50	Rembrandt A 9. Large crimson scarlet, early, fine forcer	30	2 25
Dusart B 8. Purplish crimson, excellent for bedding	30	2 00	Rosamundi B 9 Rose, shaded white	25	1 50
Fabiola B 9 Large rose violet, white streaked	25	2 00	Rose Grisdelin B 8. Rose, shaded white, fine for forcing or bedding	25	1 50
Joost Van Vondel B 10. Crimson, flamed white, large and distinct	25	1 75	Rose Louisante Brilliant deep pink	40	2 50
Keizerskroon B 10. Crimson with broad yellow edge, very fine, large and effective. \$15.00 per 1,000	25	1 75	Standard Royal B 8. White feathered with rosy crimson	30	2 00
La Reine B 8. White, tinged with rose, a fine forcer. \$12.00 per 1,000	25	1 50	Thos. Moore B 8. Buff	25	1 50
L'Immaculee B 9. Pure white very early; fine for forcing. \$12.00 per 1,000	25	1 50	Van der Neer C 8. Violet	45	3 25
Lac Van Rhyn C. 9. Violet bordered white	25	1 50	Vermilion Brilliant A 9. Splendid dazzling scarlet, extra fine	40	2 75
Mon Tresor B 9. Large, pure yellow, fine flower, extra	30	1 75	Wapen Van Leyden B 7. Rose and white, splendid for forcing, or bedding	25	1 75
Pottebakker, Scarlet A 9. Bright scarlet, very large and fine flower	30	2 00	White Swan B 8. Pure white, very fine bedder	30	2 25
Pottebakker, White A 9. Pure white, fine, large and showy flower	25	1 75	Wouwerman C 8. Dark purplish violet, large flower	45	3 25
Pottebakker, Yellow A 9. Large fine bright yellow	25	1 50	Yellow Prince B 9. Bright Yellow, large and showy, fragrant, extra fine, one of the best for forcing. \$12.00 per 1,000	25	1 50
Prince of Austria Orange red, sweet scented	30	2 00	Fine Mixed Best imported mixture	15	1 00

Pino's Special Mixture

Single Early Tulips

Our own mixture of the best named sorts in equal quantity of colors. We use only the best quality bulbs and our mixture should not be confounded with those containing imported mixtures of unknown varieties and second sized bulbs often used to cheapen the mixture.

Dozen, 25c

100, \$1.50

1,000, \$12.50

Double Named Tulips

These are effective in beds, borders or clumps. The flowers are large and of brilliant colors, shades and markings.

	Per doz.	Per 100		Per doz.	Per 100
Blue Flag C 9. Blush violet.	\$ 30	\$2 25	Rex Rubrorum B 9. Crimson scar-		
Duc Van Thol, Red and Yellow A 7.			let, very large and showy.	\$ 30	\$2 00
fine for forcing.	25	1 50	Rosine A 7. Rose, splendid semi-		
Duke of York B 10. Red bordered			double flower, valuable for extra		
white, extra.	25	1 50	early forcing.	30	2 00
Gloria Solis A 9. Crimson with			Salvator Rosa A 9. Early, deep rose		
broad yellow margins; very large.	25	1 75	very fine.	30	2 25
Imperator Rubrorum A 9 Rich			Titian A 6. Red, bordered yellow		
crimson-scarlet, extra fine.	30	2 25	good forcer and fine bedder.	30	2 00
La Candeur B 8. Pure white, very			Tournesol A 9. Red and yellow		
full and large.	25	1 75	the best Double Tulip for forcing	35	2 50
Lady Grandison A 7. Dwarf scarlet	25	1 75	Tournesol Yellow A 9. Early yellow,		
Le Blason A 8. White, extra fine	30	2 00	splendid forcer.	30	2 25
Marriage de Ma Fille C 9. Pure			Velvet Gem A 8. Rich, velvety purple	30	2 00
white striped rose.	35	2 50	Yellow Rose C 9. Large golden		
Murillo B 8. Blush white, shaded			yellow, fine bedder, sweet scented	25	1 50
rose, large flowers, fine for forcing	25	1 50	Pino's Mixture Mixed from named		
Pæony Red B 8. Deep crimson	30	2 25	sorts, the very finest mixture obtain-		
Pæony Gold B 8. Golden yellow	30	2 25	able.	30	2 00
Purple Crown A 9. Dark purple			Extra Fine Mixed Finest quality		
maroon.	25	1 75	mixed.	20	1 25

Parrot Tulips

These attractive and picturesque Tulips are becoming more popular every year for outdoor displays in spring.

	Per doz.	Per 100		Per doz.	Per 100
Admiral de Constantinople Large,			Lutea Major Large bright yellow.	\$ 30	\$1 75
red, tipped orange.	\$ 30	\$1 75	Mark Graaf Red, yellow feathered	30	1 75
Carmoise Brilliant Dark Crimson			Perfecta Yellow, red striped.	30	1 75
with black centre.	30	1 75	Finest mixed All colors mixed.	25	1 25

Darwin Tulips (May Flowering)

Quite distinct in growth from other late flowering tulips. Height 24 to 30 inches; stems strong; flowers large globular form and covering a wide range of colorings.

	Per doz.	Per 100		Per doz.	Per 100
Barrone de la Tonnaye Rose shaded			Mrs. Krelage Rose pink.	50	3 50
blush.	\$ 50	\$3 50	Pride of Haarlem Deep rose.	60	4 00
Clara Butt Soft salmon rose.	60	4 00	Salmon King Fiery Salmon.	50	3 50
Donders Dark blood red.	50	3 50	The Sultan Glossy maroon black.	50	3 50
Glow Brilliant vermilion.	50	3 50	White Queen Clear white tinged		
Gretchen Blush white.	50	3 50	blush.	50	3 50
Kate Greenaway White and lilac.	50	3 50	Mixed Darwin Tulips Our mixture		
Mr. Farncombe Sanders Scarlet			comprises a large collection of the		
with white base.	60	4 00	finest sorts; 25c. doz.; \$1.50 100; \$13.00, 1,000.		

Late Flowering Single Tulips

These are known as the "May-flowering Tulips," and closely follow the season of the early single sorts

	Per doz	Per 100		Each	Doz.
Bizarres Yellow ground color, feathered or striped with crimson, purple or white, choicest mixed.	\$ 25	\$1 50	Isabella (Blushing bride) Creamy white and pink, changing to bright carmine, rose centre marked peacock blue.	30	1 75
Bybtemens White ground color, with stripes and markings of crimson, pink and scarlet or rose; mixed varieties.	25	1 50	Picotee (Maiden's Blush). White edged rose gracefully recurved petals.	30	1 75
Gesneriana Flowers of enormous size and the most durable of all Tulips. Color, crimson-scarlet with blue-black centre. \$15.00 per 1,000.	25	1 75			
Gesneriana Rosea Similar to above except in color, a beautiful rose pink.	30	2 00			
Yellow Crown Flowers with the above; pure yellow.	25	1 50			

Various Tulip Species

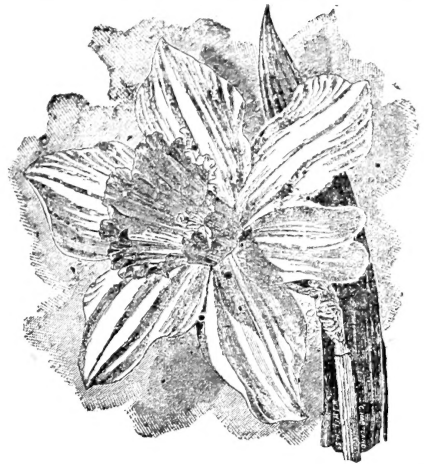
Cornuta (Chinese Parrot) Scarlet striped yellow, twisted petals.	\$ 05	\$ 50
Greigii Orange scarlet with black spots.	15	1 50
Oculus Solus (Sun's Eye) Red black centre.	05	50

Narcissus

The numerous varieties of Narcissus are very beautiful and are among the most popular of our flowering bulbs for both garden and house culture; the double and single varieties being perfectly hardy, are better suited for general out-door planting, and after once planted they may remain undisturbed for several years; but in time they will become so thick and matted together that resetting will be necessary. The Polyanthus varieties may be planted out if a good covering of leaves or litter is given them to exclude the frost, when they will make an excellent show in the spring, and will repay for any extra trouble. All the varieties are excellent for growing in the house, and with similar soil and treatment to that recommended for Hyacinths, very satisfactory results are sure to be obtained.

Single Narcissus

Albicans	(White Spanish Daffodil)	Each	Per doz.
Pure white trumpet		\$ 05	\$ 50
Ard Righ	(Irish King) Deep Yellow trumpet. Large and early	05	50
Bicolor Emperor	One of the finest, large, rich, yellow trumpet with lighter yellow perianth	\$3.00 per 100	05 50
Bicolor Empress	Immense golden yellow trumpet with a broad white perianth of great substance	\$3.00 per 100	05 50
Bicolor Grandis	Large yellow trumpet, beautifully emblicated with broad white perianth	05	35
Bicolor Horsfieldi	Very large flowers of pure white, with rich yellow trumpet, magnificent flower	05	50
Bicolor Victoria	Yellow trumpet, creamy white perianth	\$3.00 per 100	05 50
Biflorus	Pure white perianth, with yellow cup; two flowers are born on every stalk	03	20
Golden Spur	Extra large, bold rich yellow flowers, one of the finest, \$3.00 per 100	05	50



	Each	Per doz.
Henry Irving	Long beautifully frilled trumpet; color, rich golden yellow; a most perfect flower	\$ 05 \$ 40
Incomparabilis Sir Watkin	Large bloom, sulphur perianth with deep yellow cup	05 40
Incomparabilis Stella	Perianth white, yellow trumpet, fine for forcing	03 25
Obvallaris	Rich yellow, one of the earliest	05 50
Poeticus	Pure white with orange cup edged with crimson. \$1.00 per 100	03 20
Poeticus Ornatus	Pure white with saffron cup, tinged with rosy scarlet. \$1.50 per 100	03 25
Princeps	Large yellow trumpets, sulphur white perianth, very early, \$1.50 per 100	05 25
Trumpet Major	Large golden yellow, fine forcer, \$1.50 per 100	\$ 04 \$ 25

Double Narcissus

All the Double Daffodils are perfectly hardy for garden culture, and equally well adapted for forcing

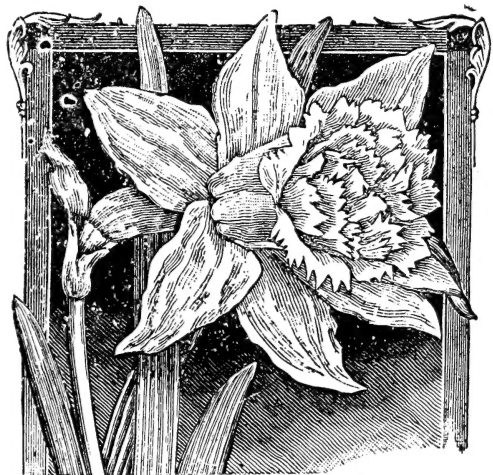
Alba Plena Odorata	Double	Each	Per doz.	Per 100
Snow-white flowers, exquisitely scented		\$ 03	\$ 25	\$1 25
Incomparable Fl. Pl.	Full double flowers of rich yellow with orange centre	03	25	1 50
Orange Phoenix	Double white flowers with orange centre	04	30	1 75
Silver Phoenix	Creamy white flower with sulphur centre	05	50	
Von Sion	"Double Yellow Daffodil," rich golden yellow perianth and trumpet, one of the best forcing sorts; first size bulbs	03	25	1 75
Extra Selected		04	40	2 50
Double Nose		05	50	3 00

Polyanthus Narcissus

The varieties of this group are easily cultivated and excellent for pots and forcing

Gloriosa	Pure white with orange cups	\$40	\$3 00
Grand Monargue	Large white with lemon-yellow cup	35	2 50
Newton	Large, pure yellow, with orange cup	35	2 50
Paper White Grandiflora	New large flowering, pure white, early, fine for forcing; first size	25	1 75

Extra Size Bulbs	Per doz.	Per 100
Soleil d'Or Yellow	\$ 30	\$ 2 00
Staten General White with citron cup shading to white, very early	35	2 50



NARCISUS VON SION

Jonquils

Excellent for early blooming, charming, large, golden and deliciously fragrant flowers, freely produced; of the finest effect either in the garden, greenhouse or conservatory.

Double Sweet Scented Fine yellow, per doz. 30c; per 100, \$2.00

Single Sweet Scented Rich, golden yellow in trusses, per doz., 20c.; per 100, \$1.00

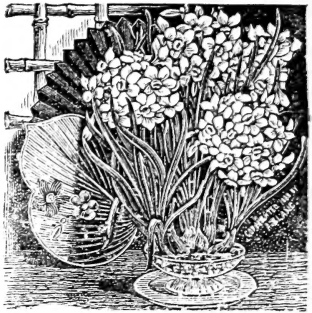
Campernelle Very large, rich yellow flower, per doz., 20.; per 100, \$1.00

Rugilousus New large flowering, deep yellow, crinked flowers, exceedingly fragrant, per doz. 25c.; per 100, \$1.50

Chinese Sacred Lily

The Chinese Narcissus is very easily grown. When grown in water, shallow dishes, about three inches deep, should be used, into which put about an inch of gravel; on this set the bulbs and fill in with small stones to keep them upright and keep the dish full of water.

True Chinese Grown, 10 cts. each; \$1.00 per doz. Original basket of 30 bulbs. \$2.00. Add 5 cts. each if sent by mail. Pebbles for above, 10 cts. per quart.



CHINESE SACRED LILY

Crocus

This favorite of the garden is one of the earliest to flower in spring, often displaying its bright and lovely blossoms early in March. Plant the bulbs two or three inches deep. They are hardy and may remain in the same ground undisturbed for many years.



CROCUS.

Large Named Crocus

These are large, selected bulbs, for beds, borders, lawns and pot culture.

	Doz.	100
Albion Dark violet, striped	\$ 15	\$ 85
Albion Purple	15	85
Baron Von Bruno Dark Blue	15	85
Caroline Chisholm Splendid White	15	85
Cloth of Gold Golden yellow, striped brown	15	85
Cloth of Silver Silvery white, striped lilac	15	85
King of Whites Pure White	15	85
King of Blues Purple	15	85
La Majesteuse Large violet striped	15	85
Madam Mina Violet and white	15	85
Mont Blanc Largest, pure white	15	85
Non Plus Ultra Large, dark purple, white edge	15	85
Queen of Whites Pure white	15	85
Purpurea Grandiflora Blue	15	85
Queen Victoria White	15	85
Sir Walter Scott White, striped purple extra	15	85

Yellow Mammoth Large golden yellow, extra \$ 15 \$1 00
Mixed From the above named varieties 15 85
Mixed Crocus Blue, Striped, White, Yellow, All colors
roc. per doz., 60c. per 100, \$5.00 per 1000.

Alliums

Neapolitanum Remarkably beautiful, with large heads of pure white flowers, excellent for forcing, and out-of-door-culture, much used by florists; 15 cts. per doz; 75 cts per 100.
Moly Luteum Golden yellow, 20 cts. per dozen.

Amaryllis

Suited for pot culture and should be planted in a six or seven inch pot according to the size of the bulb. A soil composed of loam, leaf mold and sand should be used and good drainage given.



ALLIUM NEAPOLITANUM

	Each	Each
Belladonna Major White, flush with rose beautiful and fragrant	\$ 35	Johnsonii Crimson, striped white \$ 50

Anemone—(*Wind Flower*)

Plant in rich, sandy loam with good drainage and cover during winter with leaves or light manure. Anemones make splendid pot plants, if planted one in a four or five inch pot.

Fulgens Rich dazzling scarlet, most brilliant and graceful. Each \$ 05 Doz. \$ 40

Double Mixed Extremely handsome double flowered varieties. 25

Single Mixed Beautiful poppy-like blossoms in variety of colors. 15

Calla Lilies

White Calla Monster Bulbs . . . Each \$ 25 Doz. \$ 2 50

White Calla Large Bulbs . . . 15 1 75
Fine decorative plants, for sitting room or conservatory.

Spotted Calla (A. Alba Maculata)
A grand ornamental pot plant with pure white flowers and handsome deep green leaves spotted with white 15 1 50

Arums

A genus of curious and ornamental perennials, with peculiar and distinct foliage and flowers. They make handsome pot plants,

Arum Dracunculus (Dragon Flower) . . . Each Doz.
Large brownish black flower, and handsome foliage borne on a mottled stem. Hardy with slight covering. \$ 15 \$1 50

Arum Sanctum (Black Calla)
Large, purple black flower and fine dark green foliage. 15 1 50

Arum Cornutum Produces a beautiful flower spathe about fifteen inches long when placed in a warm dry room without soil or water. . . 20

Babiana

Dwarf spring flowering, half-hardy bulbs with dark green hairy leaves. The colors range from brilliant scarlet to pale lavender and pink. 3 cts. each; 30 cts. per dozen.



CYCLAMEN

Cyclamen Persicum Giganteum

One of the best adapted plants for winter blooming, grows readily and flowers freely for a long period. The bulbs should be planted in a compost of loam, leaf mold and sand, and about half covered, then with plenty of light, air and temperature of about 60 degrees they may be grown to perfection. Good drainage is essential.

Grandiflorum White, Rose, and Dark Red, 15 cents each; \$1.50 per dozen.

Diclytra Spectabilis—(*Bleeding Heart*)

One of the best known hardy border plants. The flowers are borne on long racemes of a beautiful rose color; Strong plants, 25c. each; if ordered by mail, 35c.

Bulbocodium Vernum

Early spring flowering bulbs with rose purple flowers, excellent for edging, 10 cts. each, \$1.00 doz.

Calochortus

(*California Butterfly Tulip*)

They grow freely in light sandy soil, and though hardy they should be protected by litter during winter or kept in a cold frame. The colors are very brilliant and the graceful habit of growth makes them very effective if planted in clumps.

Calochortus. Mixed from the hardiest sort. 5 cts. each, 30 cts. doz.; \$2.00 per 100.

Chionodoxa—(*Glory-of-the-snow*)

Beautiful hardy spring flowering plants taller than Scilla Siberica; flowers longer and more numerous. For pots they are very useful, and for edgings, masses or beds they are remarkably effective.

Lucilliae Brilliant blue flowers with white centre; \$1.00 per 100 Each \$ 03 Doz. \$ 15
Sardinsis Intensely deep blue, very fine 03 20
Gigantea Beautiful large flowering variety, with blue, white centered flowers, exquisite 03 25

Colchicum

(*The Autumn Flowering Crocus*)

These beautiful hardy flowers resemble the crocus, but bloom in the fall about September, and the leaves appear in the early spring.

Colchicum Autumnal Mixed colors. Extra large bulbs. 10 cts. each; \$1.00 per doz.

Crown Imperials

(*Fritillaria Imperialis*)

These are hardy border plants of handsome and stately appearance, producing whorls of pendant bell-shaped blossoms.

Crown Imperials Mixed colors. 10 cts. each; \$1.00 per doz.

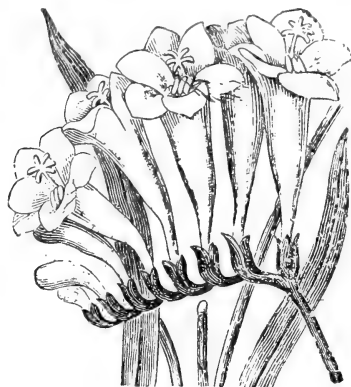
Eranthis Hyemalis—(Winter Aconite)

The earliest spring flowering hardy bulbs. Color, golden yellow. 2 cts. each; 20 cts. per doz.

Erythronium—(Dog's Tooth Violet)

Hardy bulbous plants. Planted in groups in a border or shrubbery or other sheltered position, they are admired by all.

Erythronium Large flowering. Mixed colors, 5 cts. each; 30 cts. doz.



FREESIA REFRACTA ALBA ODORATA

Freesia

The Freesia is one of the most popular early spring flowers either for pot culture or greenhouse. Should be planted early, from six to eight bulbs in a six-inch pot. Use sandy loam with a mixture of decomposed manure.

Refracta Alba 25 cts. doz.; \$1.50 per 100

Refracta Alba Extra large, 35 cts. doz.; \$2.00 per 100

Fritillaria

Meleagris Spring flowering bulbs with bell-shaped, various colored flowers. Suitable for pot culture or planting in the open border. 3 cts. each; 30 cts. doz.

Gladiolus—(Winter Blooming)

Covilli Alba Very beautiful pure white flowers closely set along the stem; invaluable for floral work, as the flowers keep a long time. 3 cts. each; 20 cts. doz.; \$1.25 per 100.

Blushing Bride An excellent variety, flowers pure white, with pink spots. 5 cts. each; 50 cts. doz.; \$3.00 per 100.

Gloxinias

Magnificent hot-house perennial bulbous plants, producing their gorgeously colored flowers in the greatest profusion.

Choicest Mixed 15 cts. each; \$1.50 per doz.

Helleborus Niger—(Christmas Rose)

Flowers pure waxy white. Blooms early in spring, or in frames will bloom during the Christmas holidays and continue during the winter. 30 cts. each.

Iris—(Fleur-de-Lis)

Elegant free-flowering bulbs, fine for beds or borders. Set the bulbs in clumps two inches apart each way, and three inches deep.

	Each	Doz.
Anglica (English) Finest Mixed	\$ 04	\$ 30
Hispanica (Spanish) " "	03	15
Susiana Lilac, marked with black	15	1 50
Germanica Separate varieties	10	1 00
Kaempferi (Japanese) Excellent large flowering varieties, the King of Iris, separate varieties . .	15	1 50



Ixia

Half-hardy plants of dwarf growth. Will grow well in the parlor or conservatory, if freely watered

Crateroides Bright scarlet, 3 cts. each; 25 cts. doz.

Finest Mixed 3 cts. each; 25 cts. doz.; \$1.50 per 100.

Lachenlias

Very pretty spring flowering, bulbous plants from the Cape of Good Hope. They range in color from pale yellow to scarlet tipped with black and green, and yellow with brown spots.

Mixed Colors 15 cts. each; \$1.50 doz.

Leucojum—(Spring Snowflake)

Hardy bulbs with fragrant white flowers, not unlike the snowdrop, but much larger and comes in bloom a month later.

Leucojum Vernal 5 cts. each; 40 cts. doz.

Lilies

No class of plants capable of being cultivated out-of-doors possesses so many charms as the lily. They are stately, elegant and beautiful and possess the most agreeable perfume for general effect, whether growing in the garden or house, they have no rivals. October and November are the best months for planting outside; the soil should be deep, rich and mellow, *with good drainage*. Do not put manure about the bulbs when setting, as it collects moisture and insects and often causes the bulb to decay. Top dressing is the better way to enrich the soil after the bulbs are set. The beds should be well covered with leaves and strawy manure to exclude the frost.

Harrisii "True Bermuda Easter Lily." Large, trumpet-shape flowers of purest white and delicious fragrance.

	Each	Doz.
First Size Bulbs	\$ 10	\$1 00
Large Bulbs	20	2 00
Longiflorum Pure white, trumpet-shaped flowers, excellent for pot culture, hardy. Large bulbs	15	1 50

Most of these Lilies are not ready for shipment until after frost

	Each	Doz.
Canadense Orange, black dots	\$ 10	\$1 00
Candidum Large, white	12	1 25
Excelsum Nankeen-colored	60	6 00
Humboldtii Orange red with claret colored dots	30	3 25
Martagon Purple	30	3 25
Pardalinum Bright orange red, light yellow centre	15	1 50
Philadelphicum Red with purple spots	15	1 50
Superbum Rich, yellowish red.	12	1 25
Tenuifolium Bright scarlet	25	2 50
Tigrinum Flore Plemo Double Tiger Lily	12	1 25

	Each	Doz.
Tigrinum Splendens Rich scarlet with black spots. The finest of all	\$ 10	\$1 00
Umbellatum Mixed	15	1 50
Wallacei Flowers orange with black points; dwarf	20	2 00
Washingtonianum White changing to lilac	35	3 75
Auratum (Golden banded lily) extra large	20	2 00
Speciosum Album Pure white	25	2 50
" Rubrum Red spotted	20	2 00
" " Melpomene Dark red	25	2 50



Lily of the Valley (*Convallaria*)

This fragrant and lovely flower is a favorite with everyone. It is hardy and does well in any soil not too dry. When forced, the roots must be firmly planted and the flowering crowns well covered with soil or moss at first. The roots we offer are very strong and every pip is selected. We sell large quantities and are in a position to give very satisfactory pips. Ready for delivery in November, **Finest Flowering Pips** Imported for force and pot culture. Per bundle 25 pips, 50 cts; per 100 \$1.75

Large Clumps For out-door planting, 25 cents each.

Ornithogalum (*Star of Bethlehem*)

Arabicum A remarkably beautiful bulbous plant of stately habit. The flowers are large, numerous, delicately fragrant and are borne on spikes eighteen inches high. 5 cts. each; 50 cents per doz.

Oxalis

A class of small bulbous plants of great beauty, both in foliage and bloom; they are valuable for pot culture and hanging baskets.

	Each	Doz.
Alba Pure white, free flowering, very pretty	\$ 03	\$ 25
Bowiei Beautiful, large rose color	03	25
Buttercup Large, free-flowering sort of a bright buttercup yellow; plant robust, profuse bloomer	03	25

	Each	Doz.
Cernua Fine yellow one of the best	\$ 03	\$ 25
Cernua Fl. Pl. Double Yellow	05	50
Versicolor Violet, white and red	03	25
Mixed Varieties	03	25

Paeonies

One of the most popular hardy plants of easy cultivation and succeeds in almost any situation **Choice Named Varieties** 35 cts. each. Extra large clumps, 75 cts. each.

Ranunculus

Among the dwarf flowers the Ranunculus is unrivalled for its lovely form and brilliant and attractive colors, white, crimson, yellow, purple, etc. They may be planted at any time from October to March; treat the bulbs the same as anemones.

		Each	Doz.	100
French	Finest Double mixed, large flowered	\$ 03	\$ 20	\$1 00
Turban	" " " "	03	20	1 00
Persian	Double, mixed, extra	03	20	1 00

Scilla

All the Scillas are beautiful, producing graceful spikes of elegant bell-shaped flowers of various hues; hardy, early flowering; one of the best spring flowers for edging and beds.

		Each	Doz.	100
Siberica	A perfect gem, with flowers of the richest blue, very dwarf and hardy; excellent, planted with Crocus and Snowdrops, Large size bulbs	\$ 03	\$ 20	\$1 25
Campanulata	(Wood Hyacinth) Perfectly hardy and adapted to planting under trees, White and Blue 20 cts. per doz.; \$1.25 per 100.			

Snowdrops

The Snowdrop is the first of all flowers to denote the approach of spring. Before the snow has disappeared the delicate flower is seen peeping through the ice. The culture of these is the same as that given to the Crocus. To produce the best effect they should be planted about twenty in each clump and about two inches deep. **Elwesii Giant, single flowering**, 20 cts. per doz.; \$1.00 per 100. **Double Flowering**, 25 cts. per doz.; \$1.75 per 100.

Sparaxis

These are admirable plants for the conservatory or window; in appearance not unlike the Ixia, but dwarfer. They are of easy culture in pots, blooming in spikes of large flower of very bright and varied colors.

Finest Mixed 3 cts. each; 20 cts. per doz.; \$1.50 per 100.

Spirea or Astilbe

Japonica This beautiful plant produces in abundance dense sprays of small white flowers on neat erect stems. By florists and gardeners it is grown in vast quantities for cutting, etc. Fine flowering clumps for forcing. 15 cts. each; \$1.50 per dozen.

Gladstone New, large flowering. 25 cts. each; \$2.50 per dozen.

Queen Alexandra New, pink flowering variety. 35 cts. each; \$3.50 per dozen.

Trillium—(Wood Lily or Indian Shamrock)

Hardy bulbs that require a shady position to grow them to perfection. Large white flowers changing to a delicate rose color. 15 cts. each; \$1.50 per dozen.

Tritelia

This is a perfect hardy, doing well in the house or planted in the open border.

Uniflora White with blue tint. 2 cts. each; 15 cts. per doz.; \$1.00 per 100.

Zephyranthus Atamasco—(Fairy Flower)

Beautiful pink flowers, blooming freely in summer. 5 cts. each; 40 cts. per dozen.

Grass and Clover Seeds

PRICES VARIABLE

Timothy or Herd's Grass	per bu.	\$3 75	Wood Meadow	per lb.	\$ 75
Orchard Grass	per lb.	30	English Rye Grass	"	20
Rhode Island Bent	"	35	Alfalfa Clover	"	30
Kentucky Blue Grass	"	25	Alsike Clover	"	30
Red, Fancy Recleaned	"	25	Red Clover	"	25
Sheep Fescue	"	30	Crimson Clover	"	25
Hard Fescue	"	30	White Clover	"	50
Meadow Fescue	"	35			

Bird Seed—(Extra Recleaned)

	1 lb.	3 lb.	10 lb.		1 lb.	3 lb.	10 lb.
Canary Sicily	\$ 10	\$ 25	\$ 70	Millet	\$ 05	\$ 15	\$ 45
Rape German Summer	10	25	70	Rice Unhulled	10	25	80
Hemp Russian	10	25	70	Maw	20	55	
Sunflower	10	25	70	Kaffir Corn	05	15	35

Cocoanut Soil Adapted to potting bulbs, odorless, clean and much lighter to handle than garden soil. Retains moisture and makes an excellent top dressing for lawns, etc. Per Peck 25c. original bag \$2.00.

Hyacinth Glasses

For the culture of Hyacinths, Polyanthus, Narcissus, etc., in winter.

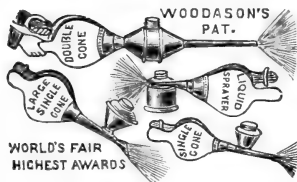
Tall Green, Blue and Purple. 20 cts. each: \$2.00 per doz.

Mushrooms

"American Pure Culture Spawn," produced under the new *selective* method, recently discovered the only method which makes possible the segregation of varieties, is received *absolutely fresh* at frequent intervals from the manufacturer. This spawn will produce mushrooms of a specific variety selected with special reference to their size, color and prolificness, to the exclusion of other and inferior fungi. *It absolutely eliminates all danger of raising poisonous mushrooms.* We keep on hand the cream white variety. Bricks weigh from 1¼ to 1½ lbs. and will spawn 10 square feet of beds; each 20c.

Illustrated book. *Mushroom Culture and Pure Culture Spawn*, containing the latest methods of raising, preserving and cooking mushrooms, 25c. per copy, postpaid.

Garden Tools and Requisites

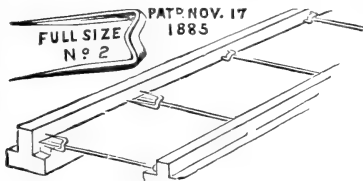


Bellows Woodason Powder, For Hellibore, Tobacco Dust, etc. Each, \$1.00 and \$2.00.

Bellows Sulphur. Used only for sulphur, \$1.50.

Forks Digging or spading, 85c. each. Fork, hay or stable, 50c. each. Forks, manure, long or short handle, 60c. to \$1.00.

Fumigators, Eureka For smoking greenhouses, with dampened tobacco stems. No. 2 holds one peck of stems, \$2.00. No. 3 holds ½ bushels of stems, \$2.50. No. 4 holds ¾ bushel stems \$3.25.



GLAZIER'S POINTS

Glazier's Points, Van Reyers The only durable and reliable points. Made of steel wire and galvanized. Per box of 1000, 60c.

Glazier's Points, Sieberts Zinc. will not rust, lb. 40c.

Grafting Wax ¼ lb. package, 10c.; ½ lb. 15c.; 1 lb. 25c.

Hoes Draw, with handle, 40c. and 45c. each. Hoes, Scuffle or Dutch, 40c. to 65c. each.

Hose Rubber, best quality, ½ in. 16c. per foot, ¾ in. 18c. per foot.

Hose Nozzle Boston Rose Spray. Copper face, flat, 50c. each.

Hose Nozzle Bordeaux. The simplest and best spraying nozzle made for ½ inch hose, 75c. each.

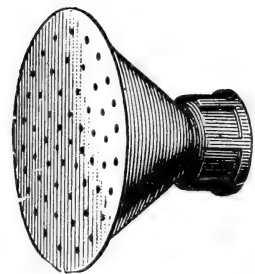
Hose Nozzle Boss, Fairy. New Boston. 35c. each.

Hose Menders Cooper's. Made of heavy brass, requires no wire or plyers to adjust them. For ½ inch and ¾ inch hose. Dozen 75c.

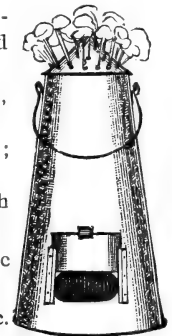
Hose Couplings Set, 20c.

Knives Budding. Imported. \$1.00 to \$2.00 each.

Edging Handled, 60c.



ROSE SPRAY



FUMIGATOR

Lawn Rakes Wooden, best quality, steel bow, 60c. each.

Lawn Sprinkler Water Witch. 50c. each

Mastica Glazing Machine \$1.25 each.

Twemlow's Old English Glazing Putty For bedding glass in sash or for filling cracks, or seams in roof joints or frames of greenhouses or hot beds. It is used in machine or bulk. It makes a solid bed, impervious to moisture, and holds glass in its place, and will stop any crevice or fault. When once set on dry wood it does not heave. Gallon, \$1.65.

Pruners Waters Tree. This pruner never fails to cut the slightest twig. It is the cheapest and most practical Pruner on the market. 6 feet, 75c.; 8 feet, 85c.; 10 feet, \$1.00; 12 feet, \$1.10.

Pruners Telegraph. Without handles. \$1.25 each.

Pruners Draw cut. New. 12 feet, \$1.75. 14 feet; \$2.00.

- Pumps** Success bucket spray. The best and most durable portable hand pump.
\$4.35.
- Raffia** The best material for tying plants, soft, strong and pliable. Per lb 20c.
- Rollers** 2 sec. 15 x 15, 150 lbs., \$8.00. 3 sec. 15 x 22, 200 lbs., \$11.25.
2 sec. 20 x 20, 250 lbs., \$13.00. 3 sec. 20 x 24, 300 lbs., \$16.50.
- Rakes, Garden** Steel, 12 teeth, 45c.; 14 teeth, 50c.; 16 teeth, 55c.
- Scythes** Cast steel, best quality, \$1.00 to \$1.50.
- Scythe Stones** Talacre, oval, 20c. each.
- Shears** Hedge, 8 inch, \$1.25; 9 inch, \$1.50; 10 inch, \$1.75.
" Hand pruning. French, \$1.25, \$1.50 each; American, 75c. each.
" Sheep. Used for trimming grass borders, 40c. to \$1.00.
- Shovels** Ames, square and round pointed, long or short handles, shovel steel, \$1.25 each.
- Spades** Steel, 75c. to \$1.25.
- Sprayers** Cyclone, 75c. each.
" Woodason Bellows. For the application of oil liquid insecticides, \$1.25 each.
- Sprinkler** Scollay's Rubber. For florists use and window gardening, \$1.00 each.
" Angle-neck. For spraying under leaves. \$1.00 each.
- Syringes** Brass. Various sizes, \$2.25 to \$5.00.
- Silkalene, or Smilax Thread** Used in floral work and for stringing smilax, 2 oz. spool, 25c.
- Thermometers** Tested and guaranteed. Japanned Tinned case, 7 in., 50c.; 8 in., 60c.; 10 in. 70c. each.
" **Convexed** 8 inch, 40c.; 10 inch 50c.
" Parlor. Wood case, oak or black walnut, 75c. each.
" Incubator. Various patterns, 60c. each.
" Hot Bed and Mushroom Bed. Boxwood, brass tip, made for plunging, \$1.75 each.
- Tree Scrapers** Hardwood Handle, 50c. each.
- Trowels** Garden. Forged steel blades, 35c. each.
" " Common steel blades, 10c. each.
" " Cleve's Angle- For transplanting, digging weeds in lawn, 25c. each.
- Wheelbarrows** For garden use. Medium, \$3.50; large, \$4.00.



Plant Stakes—Round, Tapering—Painted Green

	Doz.	100
1 1/2 feet	\$ 15	\$1 00
2 "	25	2 00
2 1/2 "	40	3 00
3 "	60	4 00
3 1/2 "	65	4 75
4 "	80	6 00
5 "	90	7 00
Heavy or Dahlia Stakes		
4 feet	Doz. \$1 00	100 \$7 50
5 "	1 25	9 50
6 "	1 60	12 00

Plant Stakes—Square—Painted Green

	Doz.	100		Doz.	100
1 1/2 feet	\$ 15	\$1 00	3 1/2 feet	\$ 60	\$4 50
2 "	20	1 50	4 "	70	5 50
2 1/2 "	30	2 00	5 "	90	7 00
3 "	50	3 75	6 "	1 10	8 50

Cane Stakes Can be cut to any desired length; much used by florists for supporting roses, carnations, lilies, etc. 6 ft. 15c. doz.; \$1.00 per 100; 8 ft. 25c. doz.; \$1.50 per 100.

Labels, Wooden Pot and Garden

	Painted per 100	Per 1000		Painted per 100	Per 1000
4 inch Pot Labels	\$ 15	\$ 80	8 inch Garden Labels	\$ 50	\$ 4 50
4 1/2 " " "	15	90	10 " " "	65	6 00
5 " " "	20	1 00	12 " " "	80	7 00
6 " " "	20	1 35	3 1/2 inch Copper Wired, Tree Labels .	25	1 50

Standard Flower Pots

MEASUREMENT FROM INSIDE TO INSIDE. WIDTH AND DEPTH EQUAL



Inches	Each	Doz.	100	Inches	Each	Doz.	100
2		\$ 10	\$ 65	9	\$ 15	\$ 1 50	\$ 11 00
2 1/4		10	65	10	25	2 40	15 00
2 1/2	\$ 02	15	85	11	30	3 00	20 00
3	02	20	1 00	12	40	4 20	30 00
3 1/2	03	25	1 25	14		75	
4	04	30	1 50	15	1	20	
5	04	40	2 50	16		35	
6	06	60	4 00	18		2 00	
7	08	90	6 00	20		3 00	
8	12	1 20	8 00	24		4 50	

Flower Pot Saucers

Inches	Each	Doz.	100	Inches	Each	Doz.	100	Inches	Each	Doz.	100
4	\$ 02	\$ 18	\$ 1 25	8	\$ 05	\$ 50	\$ 3 75	12		12 cents each	
5	03	24	1 65	9	07	70	5 00	14		15	
6	03	30	2 00	10	08	85	6 00	16		25	
7	04	40	2 50	11	10	1 00	7 50	18		35	

Bulb or Seed Pans

6 inches	\$ 06 each	\$ 60 doz.	10 inches	\$ 15 each	\$ 1 50 doz.
7 "	08 "	75 "	12 "	30 "	3 00 "
8 "	10 "	1 00 "	14 "	60 "	6 00 "
9 "	12 "	1 25 "			

Azalea Pots

4 inches	\$ 30 doz.	8 inches	\$ 1 20 doz.
5 "	40 "	9 "	1 50 "
6 "	60 "	10 "	2 40 "
7 "	90 "		



HANGING POT

Fern Pans and Saucers



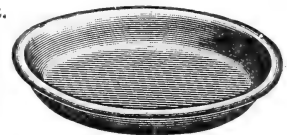
These pans are made thin and strong and the saucers very shallow. Especially adapted for linings to porcelain and silver fern pans. Dimensions given are outside measurements.

Size 4	x 1 7/8 inches	\$ 05
" 4 3/4	x 2 1/8 "	05
" 5 1/2	x 2 1/4 "	08
" 6 1/4	x 2 1/2 "	10
" 7	x 2 3/8 "	10
" 8	x 3 1/8 "	12
" 9	x 3 1/4 "	15
" 10	x 4 "	15

Waterproof Flower Pot Saucers

Indurated wood fiber, very light and durable. Not porous, and will protect tables on which plants stand.

4 inch . 10 cts. each	\$ 1 10 per doz.	10 inch . 15 cts. each	\$ 1 70 per doz.
5 " . 10 " "	1 15 " "	12 " . 18 " "	2 00 " "
6 " . 11 " "	1 25 " "	14 " . 25 " "	2 50 " "
7 " . 12 " "	1 35 " "	16 " . 40 " "	4 00 " "
8 " . 13 " "	1 45 " "	18 " . 50 " "	5 00 " "
9 " . 14 " "	1 60 " "		



Rolling Stands for Heavy Plants

12 inch	\$ 60 each	18 inch	\$ 1 00 each
14 "	70 "	20 "	1 25 "
16 "	90 "	22 "	1 50 "

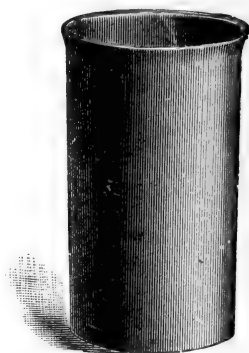
Hanging Pots

7-inch, 15c. each. 8-inch, 20c. each. 9-inch, 25c. each. 10-inch, 35c. each. 12-inch, 50c. each.
Chains, 10c. each. Hooks, flat steel, 25c. and 30c.

Flower Vases

Made of indurated wood fiber, for displaying cut flowers.

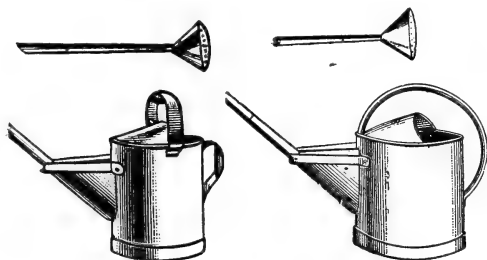
No.	0, 8 in. in diameter,	13 in. deep	each, \$	60
"	1, 5½ "	10 "	"	50
"	2, 4½ "	9 "	"	45
"	3, 4 "	6 "	"	40
"	4, 3 "	4½ "	"	35
"	00, 9 "	22 "	"	75
"	11, 5½ "	18 "	"	60
"	22, 4½ "	15 "	"	50
"	33, 4 "	12 "	"	45
"	44, 3 "	9 "	"	40



Neponset Paper Flower Pots

Are manufactured of water-proof paper, unbreakable, handsome, light and cheap. They are made so as to admit plenty of air to the roots and to give sufficient drainage.

	Doz.	100		Doz.	100
2¼ inch	\$ 06	\$ 30	4 inch	\$ 12	\$ 80
2½ "	07	35	5 "	20	1 20
3 "	08	45	6 "	30	1 65
3½ "	10	65			



Watering Pots, Galvanized

Made from the best quality iron and galvanized after being made. The strongest watering pot made. The joints are brass. Two copper faced roses go with each pot for fine and coarse watering. 6 quarts, \$2.00; 8 quarts, \$2.25; 10 quarts, \$2.50; 12 quarts, \$2.75.

Watering Pots, French Pattern same as above in quality, oval in shape with brass handle. 6 quarts, \$2.25; 8 quarts, \$2.50; 10 quarts, \$2.75; 12 quarts, \$3.00.

Watering Pots Painted for window gardening. 2 quarts, 50c. and 75c. each.

Sundries

Twine White Cotton, best 4 ply, 30c. per lb.

Green Thread For Smilax, 25c. a spool.

Jute Twine For tying plants or vegetables, 20c.

Tinfoil 15c. per lb.

Tinfoil Violet or Green, 50c. per lb.

Tissue Paper \$1.00 per ream.

Wrapping Paper White, 6c. per lb.

Jumbo Guns For applying powder on plants, 20c.

Axle Grease Quart, 25c; 2 quarts, 45c.

Bouquet Wire Cut 12 and 18 inches, 20c. per lb.

Bouquet Wire Fine, 30c. per lb.

Toothpicks Used for stemming flowers, 10c. box.

Wax Paper 75c. per ream.

Bouquet Holders Iron, for cemetery use, 30c. each

Plant Tubs

Made of Red Cedar, painted, light, attractive and durable.



No	C	Diam.	Height	\$
"	D	10¾ in.	9 in.	65
"	"	11 "	11½ "	85
"	1	11½ "	11½ "	1 00
"	2	13½ "	11¼ "	1 25
"	3	14¾ "	14 "	1 65
"	4	16 "	15 "	2 00
"	5	19 "	18 "	3 00
"	6	22 "	19½ "	3 75

Cedar Plant Tub Painted green, drop handle. Strongest and most durable plant tub made.

No.	Diam. Top Outside	Height Outside	\$
"	1 28 inches	22 inches	5 00
"	2 26 "	20 "	4 50
"	3 24 "	18½ "	3 75
"	4 22 "	17 "	3 25
"	5 20 "	16 "	2 70
"	6 18½ "	15 "	2 20
"	7 16½ "	14 "	1 85
"	8 15½ "	13 "	1 60
"	9 14 "	12 "	1 35

Raffia—For Basket Work

Natural, 20c. per lb.

Colors, 60c. per lb.

Folding Plant Stands

Can be opened or folded in a few seconds. Finished in green and bronze. Compact and durable. Takes up very little space when not in use. 3 wire Trays, 7½ x 30, \$3.50. 2 Trays, 7½ x 30, \$2.50.



WIRE WINDOW SHELF with steel brackets.

Can be applied to any window moulding, 30 in. shelf, \$1.00; 36 in. shelf, \$1.15; 42 in. shelf, \$1.25.

OVAL PLANT STAND 20 x 30 . . . \$3 00

FLOWER POT BRACKETS made of flat steel. Finished in black.

No. 1, 30c.

No. 2, 35c.

No. 3, 40c.

Fertilizers

Sheep Manure, Pulverized This is a pure natural manure, and the most nutritious food for plants. It is excellent as a top dressing for lawns. There is nothing better for mixing with the soil for greenhouse plants; one part manure and six parts soil. It makes the richest, safest and quickest liquid manure. One pound to 5 gallons of water; 2 lb. package, 15c.; 5 lb., 25c.; 10 lb., 40c.; 50 lb., \$1.25; 100 lb., \$2.00.

Lawn and Garden Dressing This dressing is made from chemicals and is so prepared that it acts gradually throughout the season, producing a luxuriant growth of grass of a rich green color. It is far superior to stable manure, free from weed seeds and easily applied. For lawns apply at the rate of 400 pounds per acre. Per lb., 5c.; 25 lbs., \$1.00; 100 lbs., \$3.00.

Unleached Hardwood Ashes As a fertilizer for lawns, gardens and fruits, Hardwood Ashes are unequalled; they are not a mere stimulant, but supply natural plant food, permanently enriching the soil. They are exceedingly valuable for lawns, imparting a rich dark shade of green and destroying many of the insects which are so injurious. Price, 100 lb. bag, \$1.25.

Bowker's Food for Flowers A dressing made expressly for plants grown in the house, garden or conservatory. Clean, odorless and producing early and abundant blossoms, and healthy, luxuriant plants. Small packages, enough for thirty plants for three months, 15c. each. Large package, 25c.

Pure Ground Bone Meal This finely pulverized ground bone is excellent for rose culture; top dressing for lawns and potted plants. 5 lb. package, 25c.; 10 lb. package, 40c.; 100 lb. package, \$2.00.

Nitrate of Soda This is valuable solely for the nitrogen it contains, equal to 20 per cent of ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. 5 lb. 30c.; 10 lb. 50c.; 25 lb., \$1.25; 100 lb., \$4.00.

Bon Arbor A complete plant food, immediately soluble and applied directly to the root of all plants, giving a healthy lasting growth. 1/4 lb. 25c.; 1 lb. package, 50c.; 5 lb. can, \$2.00.



Insecticides

Aphine A liquid spray for greenhouse and outdoor use, killing lice of every species. 1/2 pt. 40c.; pt. 65c.; qt. \$1.00; gal. \$2.50.

Fir Tree Oil One of the most reliable for red spiders, green, fly, mealy bug, caterpillars, slugs, blight, etc. Per pint, 75c.; qt. \$1.25; gal. \$4.00.

Hellebore Powdered White Hellebore for rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. Per lb., 25c.

Nikoteen Is the cheapest, cleanest and most effective of insecticides and will not injure or discolor delicate plants. It is composed of that element in tobacco which gives it its value as an insecticide and nothing else. Trial bottle 40c.; 1/2 pint 75c.; pint \$1.50.

Aphis Punk A special preparation of nikoteen for the extermination of green and black fly, thrip, etc. Not injurious to delicate plants. Per package, 12 rolls, 60c.

Neco-Fume (Tobacco Paper) Can 24 sheets, 75c.; can, 1 gross, \$3.50; can, 2 gross, \$6.50.

Neco-Fume Liquid. Pint, \$1.50.

Slug Shot Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds; equals Paris Green when used liberally, without the danger from poison. Price 5 lb pkg. 30c.

Sulphur, Flowers of A staple preventive for the mildew on grapes, roses, etc. Lb. 10c.; 10 lb. 50c.

Tobacco Stems for Fumigating Clean and free from rubbish.

Tobacco Dust If dusted on while the foliage is moist, it destroys rose lice, cabbage and turnip fleas; etc. Spread upon the ground, it keeps off earth insects, and acts as a fertilizer. Per lb. 10c. 2 lb., 15c.; 5 lbs., 30c.; 100 lbs., \$4.00.

Tobacco Soap Makes an excellent wash for plants and trees infested with green fly, lice and eggs of insects. Dissolve 2 oz. in gallon of water, pkt. 20c.

Whale Oil Soap Makes an excellent wash for trees and plants; kills insects and eggs on the bark. Per lb., 15c.

Scalecide The latest and best spray for San Jose Scale. A mechanical preparation of petroleum that instantly mixes with cold water. One gallon of Scalecide to 20 gallons of water sprayed on your trees and bushes will kill every scale that it reaches without injury to the tree or fruit bud if applied in late fall, winter or early spring while the foliage is off. Price, qt., 40c.; 1 gallon can, \$1.00; 5 gallon can, \$3.25; 10 gallon can, \$6.00; 50 gallon barrel, \$25.00.

Flower Seeds for Fall Growing

(For complete List see Spring Catalogue)

	Pkt.		Pkt.
Alyssum Little Gem	\$ 05	Gaillardia Grandiflora Mixed	\$ 05
" Saxatile Compactum Perennial	05	Grevillea Robusta	05
Anemone Coronaria Mixed	05	Gypsophila Paniculata	05
Antirrhinum Tom Thumb, mixed	05	Hollyhock Charter's Prize Mixed	10
Aquilegia (Columbine) mixed	05	Impatiens Sultani	10
Asparagus Sprengeri	25	Mignonette Machet	10
" Plumosus Nanus	25	" Allen's Defiance	10
Begonia Tuberosa Single mixed	15	Myosotis (Forget-me-not) Victoria	10
" " Double	25	Pansy Pino's Special Mixture	20
Bellis Perennis (Double daisy) Longfellow		" Very fine mixed	10
Rose, Snowball white	10	" Good mixed	05
Finest mixed	10	Phlox Decussata Mixed	10
Calceolaria Hybrida Choice mixed	25	Poppy Orientale Perennial	10
Calliopsis Lanceolata	05	Primula Sinensis (Chinese Primrose)	25
Campanula (Canterbury Bells) Single Mixed	05	Primula Obconica	15
" Double Mixed	05	Pyrethrum Roseum Grandiflorum Mixed	10
" Calycanthema Mixed (Cup and		Smilax	05
Saucer)	05	Stocks Large flowering German, 10 weeks	
Candytuft Empress Large White	05	Mixed	10
" Sempervirens Perennial	10	" Princess Alice, white	10
Carnation Marguerite. Mixed	10	Sweet Peas Named Varieties, oz., 10c.;	
" Finest mixed, hardy border	10	¼ lb., 25c.; lb., 75c.	
Centaurea Gymnocarpa	05	" Pino's Special Mixture, oz., 10c.;	
Cineraria Grandiflora Choice mixed	25	¼ lb., 25c.; lb., 75c.	
" Dwarf Choice mixed	25	Sweet William Single Mixed	05
Cyclamen Persicum Giganteum Mixed	25	" Double Mixed	10
Cyperus Alternifolius Umbrella plant	10	Vinca Mixed	05
Delphinium Hybridum Mixed	05	Wallflower Single Mixed	05
Digitalis (Foxglove) Mixed	05	" Double Mixed	10
Dracaena Indivisa Mixed	15		

Poultry Supplies

CONKEY'S ROUP CURE

A guaranteed remedy for all forms of roup. Directions in each package. Price per pkg. 50c.

PORCELAIN NEST EGGS

Price 3c. ea.; doz. 25c.

WYANDOTTE FOOD FOR YOUNG CHICKS

A safe and nourishing food for chicks just out of the shell and one that can be depended upon to carry them right along until fully matured. This food is given dry, though plenty of pure water should always be on hand for the little fellows to drink. Wet or even moist foods are highly objectionable and altogether unnatural to all gallinaeous birds and they should never be employed except in the process of fattening for the market. 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 75c.; 50 lbs. \$1.50; 100 lbs. \$2.50.

PRATT'S POULTRY FOOD

A cure and preventive of chicken-cholera, roup, gapes and other diseases. Molting fowls when fed Pratt's Poultry Food will lay sooner and will increase the quantity of eggs. Price, 26 oz. package 25c.; 5 lb. package, 60c.; 12 lb. bag, \$1.25.

SHERIDAN'S CONDITION POWDER

Prevents and cures diseases of hens. It is strictly a medicine to be given in small doses once daily in their food. Price per pkg. 25c.; large pkg. 80c.

PRATT'S HEAD LICE OINTMENT

Used for head lice on chickens. 1 oz. pkg., 10c.

DEATH TO LICE

(Lambert's). An effective remedy for all kinds of poultry vermin. Package 25 and 50 cents.

CHARCOAL

(Granulated). Aids digestion and corrects many of the poultry ills; pkg. 15c.; 10 lbs. 40c.

MICA CRYSTAL GRIT

For Chickens, Geese, Turkeys, Pigeons and Birds. It makes thorough digestion of food possible. Two grades for Chicks and Poultry. Price per package, 10c.; 100 lb. bag, 90c.

GROUND OYSTER SHELLS

Furnishes one of the best sources for Shell-making Material. Thoroughly washed and dried. Price per pkg. 10c.; 100 lb. bag, 90c.

ROUP PILLS

For Roup. Swell Head and Canker in Fowls. Directions on each box. Price per box of 50 pills, 25c.; 112 pills, 50c.

EGG TESTERS

Made of tin, will fit any small lamp. Each, 25c.

DRINKING FOUNTAINS

Sanitary, square, galvanized, in two parts, easily cleaned and filled. Price 1 gal., 50c.; 2 gal., 85c.

SANITARY EARTHENWARE

In two parts, large drinking surface. Price, 2 pts., 25c.; 3 pts., 30c.; 4 pts., 35c. each.

SANITARY FEED BOX

Made of galvanized iron with three spaces, 50c.

LEG BANDS

Aluminum. Per doz., 15c.; 75c. per 100.

INSECT POWDER BELLOWS

Each \$1.00 and \$2.00.

EGG BOXES

12c. per doz.; 75c. per 100.

SMITH'S INSECTICIDE

One of the best powders. Package, 25c.

PRATT'S LICE KILLER

Package, 25c.; 50c.

PARK LAWN GRASS MIXTURE

In our lawn mixture we use only the highest quality, extra clean seed, and free from weed seeds which abound in inferior grades. We use only the choicest low growing grasses and a lawn produced from our seed will maintain a rich, dark, velvety appearance and a permanent sod.

1-2 lb., 20c.; 1 lb., 35c.; 2 lbs., 60c.; 100 lbs., \$25.00

1 lb. will sow 600 square feet

SHADY NOOK GRASS MIXTURE

A special mixture of grasses adapted to growing under trees and in shady places where it is quite difficult to produce a satisfactory growth, 1 quart 30c.; 1-2 peck \$1.00; 1 peck \$1.75.



THE PREPARATION AND CARE OF A LAWN

The ground must first be thoroughly prepared by draining, if necessary, and spade or plow to a depth of 6 to 12 inches, according to the nature of the soil, applying a liberal quantity of well decomposed manure, bone meal or pulverized sheep manure, the latter we recommend as being lasting in effect, not liable to burn the grass and free from weeds. Clean the ground thoroughly and rake perfectly smooth and level, as much of the success depends upon this part of the preparation. The seed should be sown on a calm day, that it may be applied evenly and at the rate of sixty-four pounds per acre, or one pound is sufficient for 600 square feet. After the seed is sown the ground should be rolled with a light roller or evenly tamped with the back of a spade. The plat should be mowed every ten days from May until September, using a sharp scythe in preference to a mower until a close turf is formed. Frequent mowing and rolling is necessary to maintain a close even turf. April and September are the best months for sowing lawn seed.

**For Lawn Dressing Use
PULVERIZED SHEEP MANURE**



Fig. 212
Spraying Potatoes

THE AUTO-Spray No. 1 is used for spraying trees, shrubs, vines, greenhouses, poultry houses, hospitals and stables, for disinfectants for sheep and cattle d.p and cattle fly oil. It may be used where any other spray pump can be used, and will handle all spray solutions, including whitewash and cold water paint.

How it Works

The AUTO-SPRAY No. 1 is operated by working an air pump by which air is compressed on top of the solution. After the pressure is generated the operator has nothing to do but direct the spray. A few strokes of the plunger will compress enough air to operate the machine several minutes, and two pumpings will discharge all of the contents.

How it is Made

The AUTO-SPRAY No. 1 is made of heavy material throughout, and the brass machine which we *strongly recommend*, is practically indestructible because it cannot be affected by the various spray solutions. The construction throughout is thoroughly mechanical and so simple that it is not liable to get out of order. There are no screw connections, the pump is locked to the tank by a cam. Air tight and convenient. The pump is seamless brass, of extra large diameter, thus ensuring high pressure.

EXTRA EQUIPMENT is illustrated and priced on page 4.



Fig. 214
In the Greenhouse

Fig. 217. **Auto-Pop No. 1**, is a patented shut-off device, works automatically and has a self-cleaning attachment. Operating the lever opens or closes the valve and cleans the nozzle aperture automatically.



Fig. 211
Spraying Trees



Fig. 216
Spraying Roses
and Shrubs

Fig. 224. **Stop-Cock** requires no explanation.

Fig. 240. **Copper Strainer**. A great convenience in the preparation of solutions.

The Torch. For burning worms' nests. Burns kerosene oil vaporized with air, and the flame is so hot that worms are instantly destroyed.

Fig. 30. **Extension Pipe**. Furnished in 2 ft lengths of solid brass. Three lengths generally used for trees.

Fig. 31. **Elbow Extension**. For spraying the under side of grapes, melons, etc.

Fig. 170. **Two-Row Attachment**. For spraying two rows of potatoes, etc., at one passing.



Fig. 215
In the Poultry
House



Fig. 217
Auto Pop No. 1



Fig. 224
Stop Cock



Fig. 31
Brass
Elbow

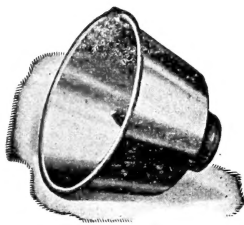


Fig. 240
Brass Strainer



Fig. 30
Two ft. Brass Extension

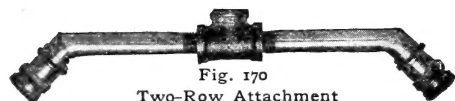


Fig. 170
Two-Row Attachment
LIST PRICES

"Auto-Spray" No. 1A, Brass Tank, with Stop Cock.	\$7.50
"Auto-Spray" No. 1B, Brass Tank, with Auto-Pop No. 1	8.50
"Auto-Spray" No. 1C, Galvanized Tank, with Stop-Cock	5.00
"Auto-Spray" No. 1D, Galvanized Tank, with Auto-Pop No. 1	6.00
Brass 2 ft. extension per length	.50
Brass Elbow Extension, each	.30
Two-Row Attachment	1.50
Torch	1.00
Strainer for "Auto-Spray" No. 1, Solid Brass	1.00

WILLIS S. PINO
Seedsman
Providence, R. I.

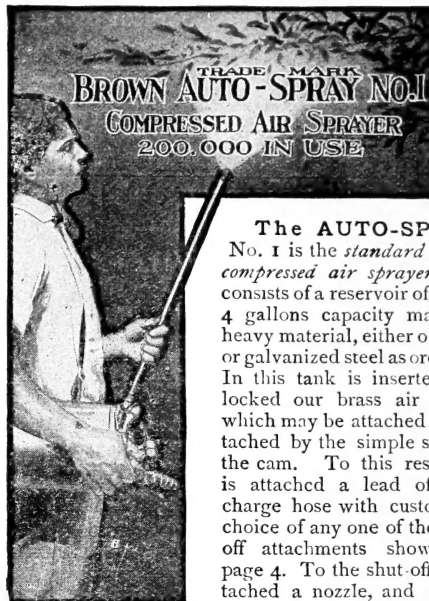
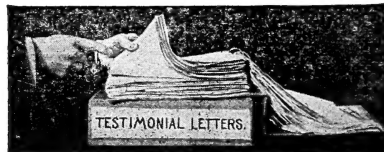


Fig. 195

tion with the extension pipe or elbow as shown in the various illustrations.

Diameter, . 7 Inches Weight empty, . 8lbs.
Height, . . 2 Feet Weight loaded, . 39lbs.
Capacity,abt. 4 Gallons Weight shipping, 13lbs.



Thousands of unsolicited testimonials are on file with us. We will give names of users in any locality when requested.

The AUTO-SPRAY

No. 1 is the *standard of all compressed air sprayers*. It consists of a reservoir of about 4 gallons capacity made of heavy material, either of brass or galvanized steel as ordered. In this tank is inserted and locked our brass air pump which may be attached or detached by the simple shift of the cam. To this reservoir is attached a lead of discharge hose with customer's choice of any one of the shut-off attachments shown on page 4. To the shut-off is attached a nozzle, and the nozzle may also be operated in connection

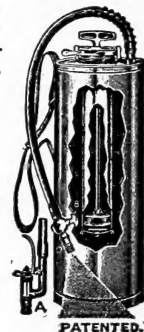


Fig. 119
Auto-Spray No. 1





WILLIS S. PINO
Seedsman
Providence, Rhode Island